

No. 743,517.

PATENTED NOV. 10, 1903.

J. JOYAL.
INCLOSED CABINET IRONING BOARD.

APPLICATION FILED OCT. 23, 1902.

NO MODEL.

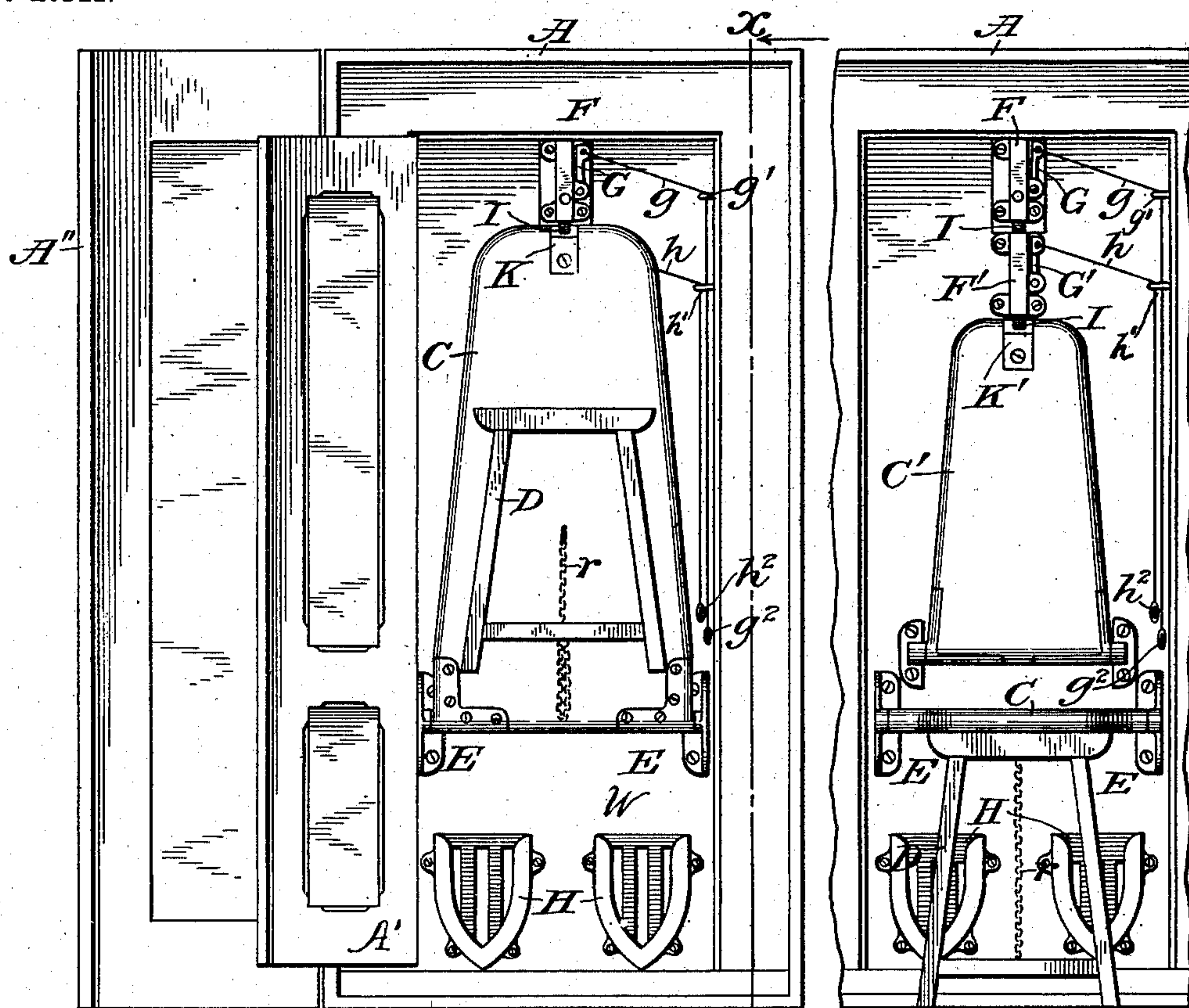


Fig. 1. x

Fig. 2.

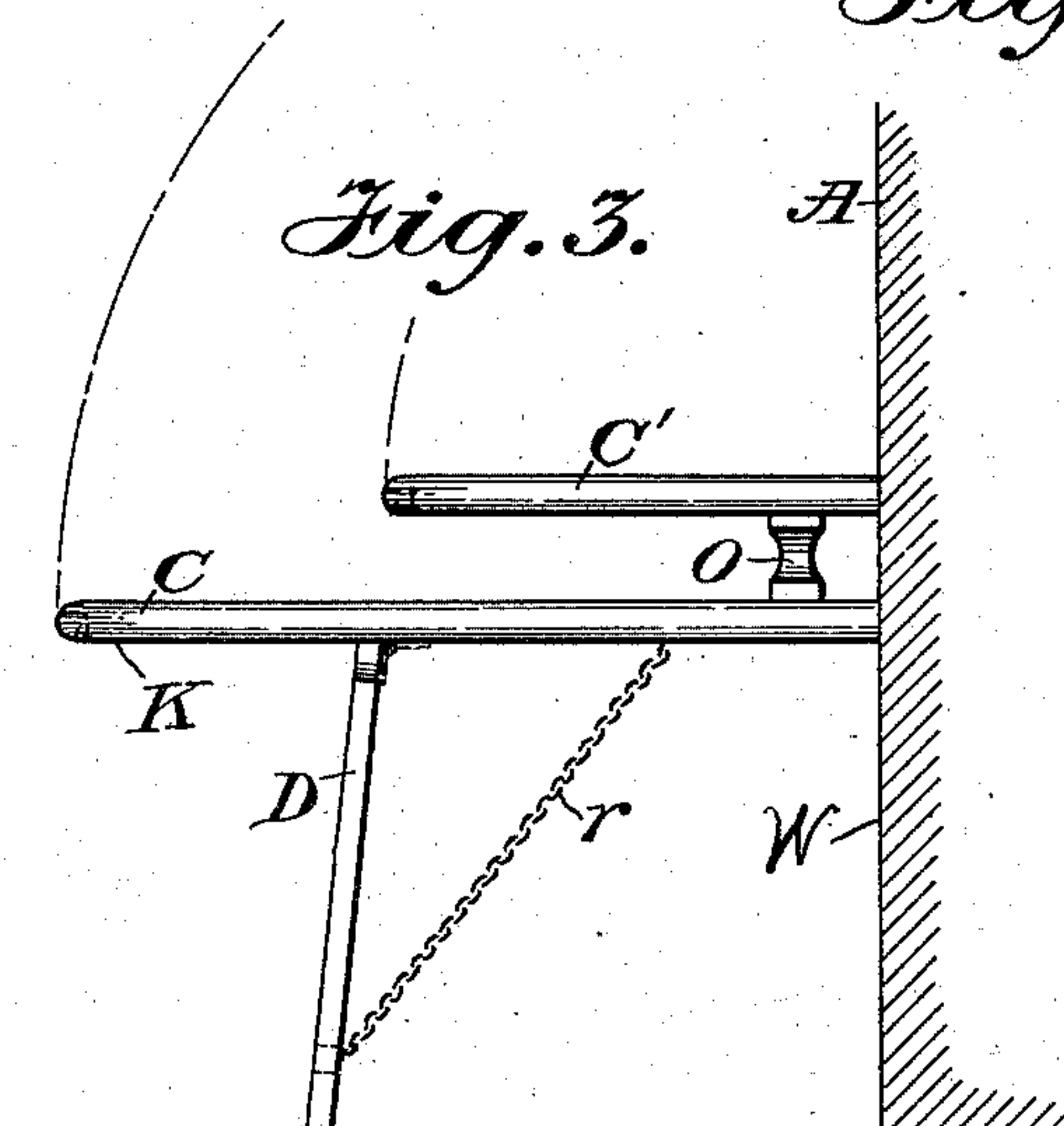


Fig. 3.

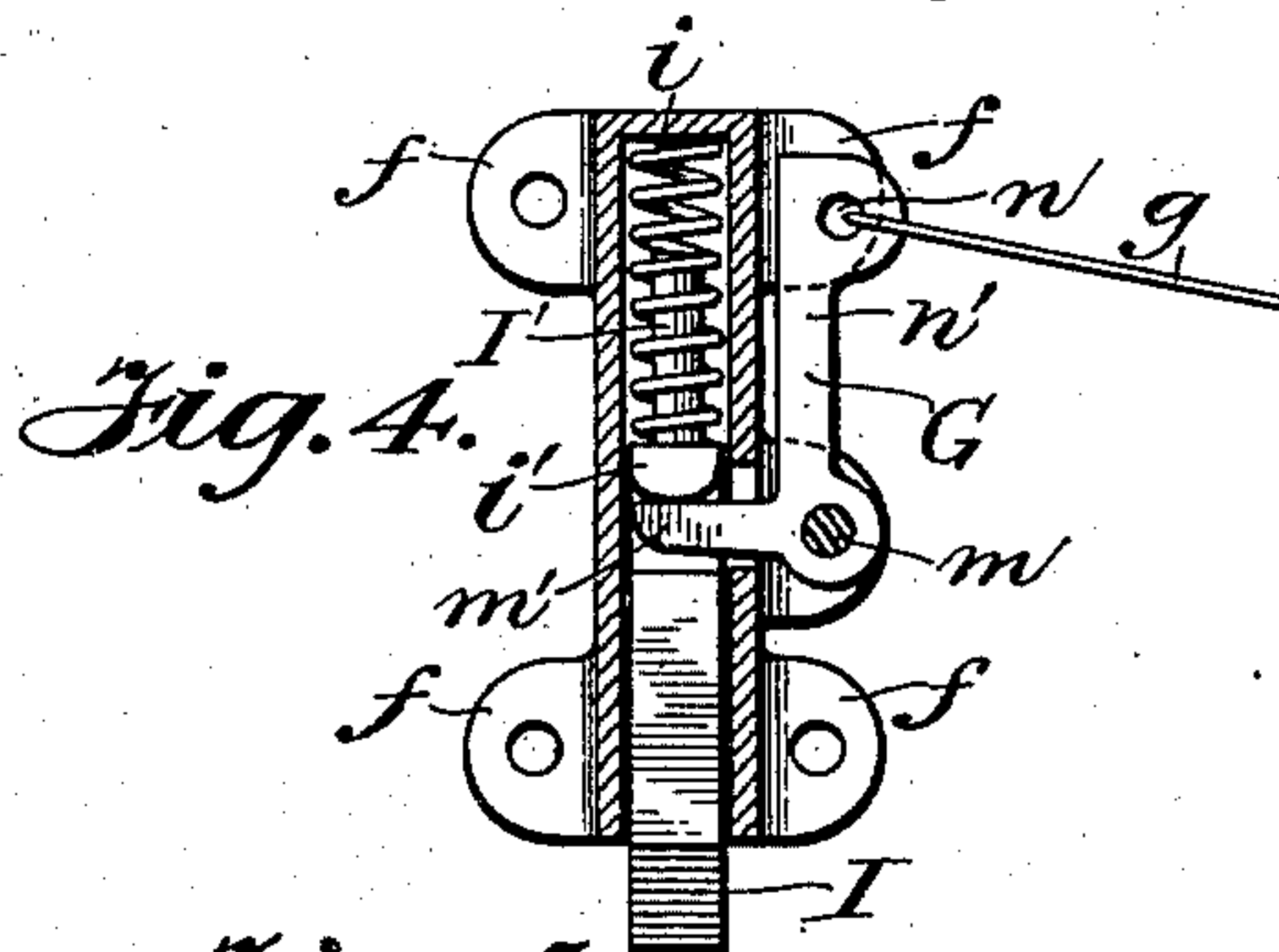
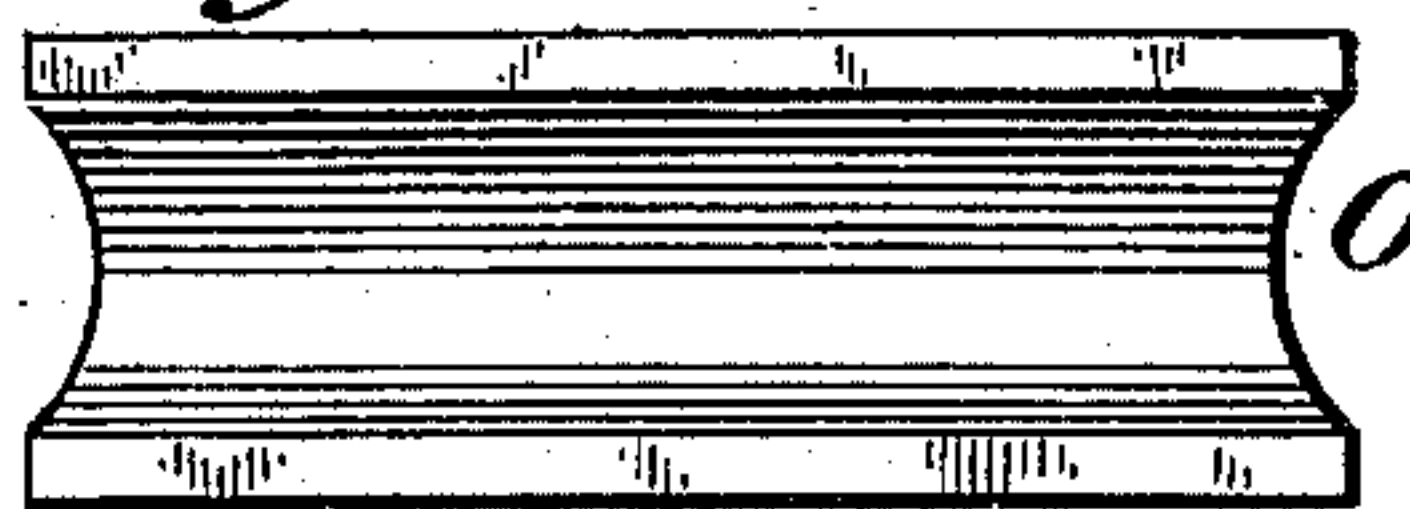


Fig. 4.

Fig. 5.



Witnesses
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By his Attorney, J. R. Littell

UNITED STATES PATENT OFFICE.

JOSEPH JOYAL, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR OF ONE-THIRD TO JULIAN E. CHURCH, OF PROVIDENCE, RHODE ISLAND.

INCLOSED CABINET IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 743,517, dated November 10, 1903.

Application filed October 23, 1902. Serial No. 128,389. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH JOYAL, a citizen of the United States, and a resident of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Inclosed Cabinet Ironing-Boards, of which the following is a specification.

This application relates to improvements in ironing-boards and to a closable cabinet. It has for its object to provide for the use of two ironing-boards, one larger and one smaller, capable of being folded into and out of a cabinet, and also to provide means for keeping the ironing-boards free from dust or other atmospheric influences when folded in the cabinet. It has also for its object other novel features which will be more fully hereinafter explained. I accomplish these objects by providing a cabinet with two doors, an outer and an inner, the inner being smaller than the outer, and to the rear wall of the cabinet are pivoted two ironing-boards, which may be either folded in the cabinet or lowered into a horizontal position at the volition of the operator.

For a more particular description of one embodiment of my invention reference is to be had to the accompanying drawings, in which—

Figure 1 is a front view of my improved cabinet, the doors being shown open. Fig. 2 is a view of the same with the larger board swung out for use and the smaller board folded into the cabinet. Fig. 3 is a vertical sectional view taken on the line xx , Fig. 1, showing both boards swung out of the cabinet ready for use. Fig. 4 is a detail sectional view of the latch, whereby the said boards are held in folded position in said cabinet. Fig. 5 is a detail view of the support for the smaller board.

Corresponding parts in all the figures are denoted by the same reference characters.

In the practice of my invention I use a cabinet, as A , let into a wall W , and which may be of any approved form; but I prefer the form herein illustrated. This cabinet is provided with inner and outer doors A' A'' , which are hinged thereto in the common well-known way, and may be closed to protect the

contents of the cabinet. The inner door A' is smaller than the door A'' , so that the joints between the door and the walls of the cabinet are out of alinement. These doors may be held in their closed position by any suitable means, and when so closed are dust-proof—that is, the contents of the cabinet are protected against all atmospheric influence. In this cabinet and upon the inside of the wall W is hinged the ironing-board C , at a proper height from the bottom to accommodate the operator. Immediately above this and upon the wall W of the cabinet is also hinged a smaller board C' . The hinges E , whereby these boards are secured, may be of any improved construction; but I prefer the form illustrated in the drawings. For the purpose of holding the boards folded in an upright position the identical latches F and F' are provided. The body of each latch is provided with ears f , by which it is fastened at the back of the cabinet by screws or in any other approved or convenient way. The body of each latch is hollow, and in these hollow bodies move the bolts I , which are formed with beveled lower ends and with reduced portions I' at their upper ends, on which are wound the helical springs i , which by their resistance urge the bolts downwardly. Immediately below these helical springs the bolts I are provided with heads i' . Bell-crank levers G G' are pivoted at m to the bodies of the latches by an ear formed for that purpose. The ends m' of these levers impinge against the heads i' of the bolt, and the other ends n' of said levers extend upwardly and outside the latch-body and terminate in the eyes n , and cords g and h engage these eyes. These cords pass through the guides g' and h' in one of the side walls of the cabinet and terminate in the handles g^2 and h^2 . The ironing-boards C and C' are provided with plates K and K' , against which the ends of the bolts I are adapted to rest.

To support the board C when it is swung out of the cabinet and into an operative position, a leg D is provided. This consists of a frame having two converged sides held together by two cross-pieces, the upper piece being hinged to the lower side of the board, as illustrated. To prevent the leg D from

swinging too far, the chain *r* is fastened to the bottom of the board at one end and at the other end to the lower cross-piece. The smaller board *C'* is only swung out and used
 5 when the larger board is also out, and between these two boards is placed the block or bar *O* to hold the smaller board in operative position above the larger board. This block *O* is adjustable and holds the upper
 10 board parallel to the lower.

At the bottom of the cabinet are placed two iron-rests *H* for holding sad-irons. These rests may be of any approved construction. When the boards are not in use, the smaller
 15 board *C'* may first be folded into the cabinet in an upright position, as illustrated in Fig. 2. When it is pressed in far enough, the latch *F'*, automatically engaging the plate *K'*, will hold the board *C'* in an upright position.
 20 The adjustable block *O* is then laid aside in the cabinet, and the larger board *C* is then folded into the position illustrated in Fig. 1, where it will also be held in upright position by the latch *F*. As this board *C* is being turned up
 25 to fold in the leg *D* will automatically fold against it, so as to be out of the way of the door *A'* and entirely within the cabinet. The doors *A'* and *A''* may then be shut, and the cabinet being thus closed the boards will
 30 remain out of the way and protected from being soiled by dust until they are required for use.

When required for use, the doors of the cabinet are thrown open and the cord *g* is
 35 pulled by means of the handle *g*², and thereby causes the latch *F* to release the board *C*, and it may then be drawn down to the position illustrated in Fig. 2. The leg *D* will automatically assume its proper position, as
 40 shown in Fig. 3, and support the board. It should be noticed that the handles *g*² and *h*² and cords *g* and *h*, together with bell-crank levers *G* and *G'* and latches *F* and *F'*, enable the operator while standing on a floor to re-
 45 lease either or both of the boards *C* and *C'*. If it be desired to use the board *C'*, it may be released, as described above, and swung down into the position illustrated in Fig. 3, and the adjustable block *O* is then placed thereun-
 50 der, and the ironing-boards may be used in the usual way.

I do not desire to be understood as limiting myself to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and
 55 modifications may be made in the features of construction and arrangement in the adaptation of the device to various conditions of use without departing from the spirit and scope of my invention and improvements. I
 60 therefore reserve the right to all such variation and modification as properly fall within the scope of my invention and the terms of the following claims.

Having thus described my invention, I
 65 claim and desire to secure by Letters Patent—

1. A closable cabinet fixed within a wall and having an inner door; an outer door larger than the inner door and projecting be-
 70 yond the upper and side edges of said inner door; upper and lower ironing-boards hinged to and foldable against the wall; a leg hinged beneath the lower ironing-board and supporting the latter in an operative position;
 75 and means adjustable longitudinally of the ironing-boards and supporting the upper board upon the lower board in an operative position.

2. A closable cabinet fixed within a wall
 80 and having an inner door; an outer door larger than the inner door and projecting beyond the upper and side edges of said inner door; upper and lower ironing-boards hinged
 85 to and foldable against the wall; a leg hinged beneath the lower ironing-board and supporting the latter in an operative position;
 90 means adjustable longitudinally of the ironing-boards and supporting the upper board upon the lower board and in an operative position, the latches *F*, *F'*, retaining the ironing-boards in their folded positions; and the
 cords *g*, *h*, operatable to release the latches *F*, *F'*.

In testimony whereof I have signed my
 95 name in the presence of the subscribing witnesses.

JOSEPH JOYAL. [L. S.]

Witnesses:

PETER J. FITZGERALD,
 EDWARD PATRICK DUNN.